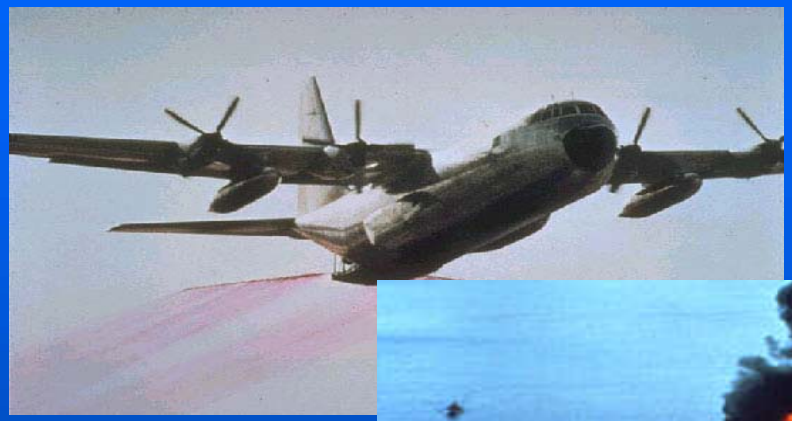
Proposed Federal Rules Regarding



Oil Spill Recovery Equipment & Alternate Technologies

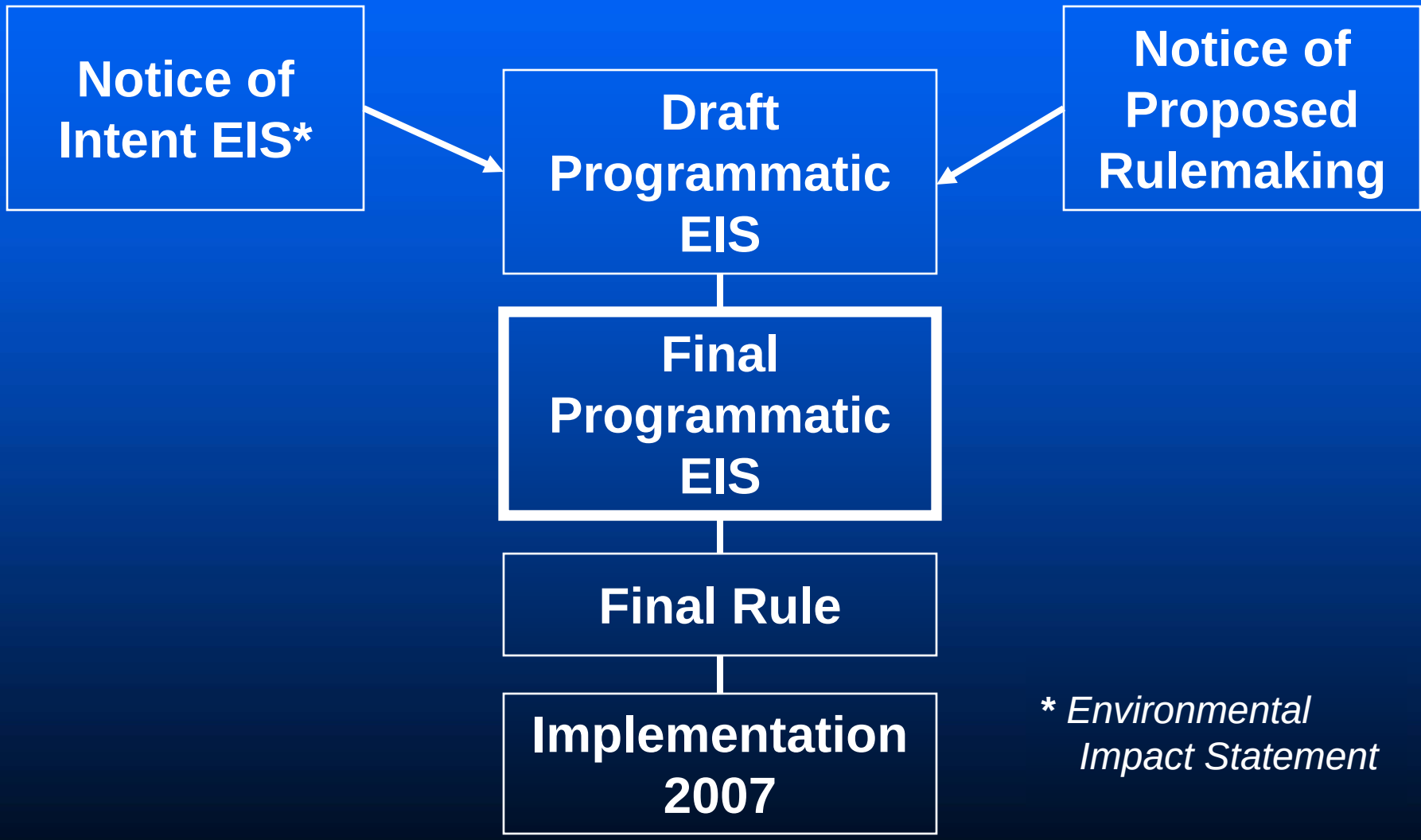
Background

Federal regulations already include rules for how much on-water oil removal equipment the Responsible Party, or his contracted Oil Spill Response Organization (OSRO), must be able to deploy in a given time frame.

Today's Presentation

- Today's presentation explains the Coast Guard's Notice of Proposed Rulemaking dated 2003 which would make changes to the current rules.
- **The actual final rules may be quite different.**
- The final rules are likely to take effect sometime in mid- to late-2007.

The Rulemaking Process



** Environmental Impact Statement*

Who Is Affected?

Any party required to maintain a Vessel or Facility Plan for Oil under 33 CFR 154 (facilities) or 33 CFR 155 (vessels).

Overview

The 2003
Notice of Proposed Rulemaking
suggests changes as follows…

Mechanical Recovery

Dispersant Capabilities

In Situ Burn

Aerial Oil Tracking

New requirements for tracking & observation.

Understanding “Tiers”

The rules describe requirements for three levels of discharge as defined in the CFR:

Tier 1: Average Most Probable Discharge

Tier 2: Maximum Most Probable Discharge

Tier 3: Worst Case Discharge

Federal Requirements for Mechanical Removal Since 1993

Geographic Area	As Of:	Tier 1 (bbls/day)	Tier 2 (bbls/day)	Tier 3 (bbls/day)
All except rivers & canals & Great Lakes	February 18, 1993	10,000	20,000	40,000
	February 18, 1998	12,500	25,000	50,000
	February 18, 2003	**12,500**	**25,000**	**50,000**
Great Lakes	February 18, 1993	5,000	10,000	20,000
	February 18, 1998	6,250	12,250	25,000
	February 18, 2003	**6,250**	**12,250**	**25,000**
Rivers & Canals	February 18, 1993	1,500	3,000	6,000
	February 18, 1998	1,875	3,750	7,500
	February 18, 2003	**1,875**	**3,750**	**7,500**

Dispersant Capabilities

Dispersants Will Be Required For

- Tanker vessels & Mobile Transfer Facilities (trucks)
- Group II, III, & IV oils
- Pre-authorized or expedited-approval areas

Required Dispersant Resources

- Dispersant stockpile
- Application equipment
- Delivery platforms
- Trained personnel

Required Dispersant Application Capabilities

	Response Time for Completed Application	Dispersant Applied (gallons) Gulf Coast	Dispersant Applied (gallons) Other U.S.
Tier 1	**12 hours**	**8,250**	**4,125**
Tier 2	**36 hours**	**Add'l 23,375**	**Add'l 23,375**
Tier 3	**60 hours**	**Add'l 23,375**	**Add'l 23,375**
Worst Case Totals	**60 hours**	**55,000**	**50,875**

In Situ Burn

Optional Credit

(offset against mechanical recovery)

MAXIMUM ALLOWABLE TIERS FOR EFFICTIVE DAILY BURN CAPABILITY							
	Response Time for Completed Burn (hours)	Daily Burn Capacity (EDBC) (barrels)	CUMULATIVE EQUIPMENT REQUIREMENTS				
			Fire-proof boom (feet)	Fire resistant boom (feet)	Hand-held igniter	Heli-torch igniter	Support vessels
Tier 1	24	5,000	500	500	4	1	2
Tier 2	48	10,000	1,000	1,500	12	1	4
Tier 3	72	10,000	1,000	2,500	20	1	4

Aerial oil tracking resources

- Capable of **arriving in 3 hrs up to 50 miles from shore**
- **Planning: 2 hour recall**, 1 hour flight time to scene
- Sufficient aircraft, pilots, & trained observation personnel capable of coordinating on-scene cleanup operations
- **Three 10-hr operational periods** during the first **72 hrs**

Aerial Observation Resources

- Observation personnel fully trained in ASTM standard [ASTM F 1779-97], Standard Practice for Reporting Visual Observations of Oil on Water
- Familiar with NOAA's "Open Water Oil Identification Job Aid for Aerial Observation" and NOAA's "Characteristic Coastal Habitats" Guide.

Questions to the Presenter

– or –

Contact

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Chief of Response

USCG 11th District